DRINKING WATER
Radiological Results for 4th Quarter 2004

Location	Sample Date[a]	Radionuclide[b]	Concentration (pCi/L)	Sample Error[c] (pCi/L)	MCL[d] (pCi/L)
CFA Distribution System	11/17/2004	Gross Alpha	2.77E+00	9.03E-01	1.50E+01
	11/17/2004	Tritium	6.86E+03	2.71E+02	2.00E+04
CFA Well #1	11/17/2004	Tritium	8.12E+03	2.93E+02	NA[e]
CFA Well #2	11/17/2004	Tritium	7.53E+03	2.82E+02	NA
EBR-I Distribution System	11/16/2004	Gross Alpha	3.31E+00	7.53E-01	1.50E+01
		Gross Beta	3.42E+00	6.54E-01	5.00E+01
Gun Range Distribution System	11/16/2004	Gross Alpha	3.13E+00	6.80E-01	1.50E+01
		Gross Beta	3.64E+00	6.95E-01	5.00E+01
INTEC Distribution System	11/16/2004	Gross Beta	3.73E+00	6.75E-01	5.00E+01
		Tritium	9.64E+02	1.38E+02	2.00E+04
Main Gate Distribution System	11/16/2004	Gross Alpha	1.51E+00	5.06E-01	1.50E+01
		Gross Beta	2.39E+00	6.40E-01	5.00E+01
PBF Distribution System	11/16/2004	Gross Beta	4.40E+00	6.70E-01	5.00E+01
RWMC Distribution System	11/16/2004	Gross Beta	2.98E+00	6.88E-01	5.00E+01
		Tritium	1.29E+03	1.46E+02	2.00E+04
TAN/CTF Distribution System	11/16/2004	Gross Alpha	2.47E+00	7.81E-01	1.50E+01
		Gross Beta	4.05E+00	7.17E-01	5.00E+01
TAN/TSF Distribution System	11/16/2004	Gross Beta	2.30E+00	6.46E-01	5.00E+01
TRA Distribution System	11/16/2004	Gross Alpha	2.07E+00	6.08E-01	1.50E+01

a. Radiological parameters are required to be sampled once every three years for four consecutive quarters. However, as a best management practice, radiological parameters are sampled more frequently.
b. Only those radiological parameters detected during the quarter are presented.
c. Sample error is the associated 1 sigma uncertainty reported by the analytical laboratory.
d. Maximum Contaminant Level (MCL)—The highest level of a contaminant that EPA allows in drinking water. MCLs ensure that drinking water does not pose either a short-term or long-term health risk. EPA sets MCLs that are economically and technologically feasible.
e. NA—Not applicable because the point of compliance is the associated distribution system.

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FOR MORE INFORMATION

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